

# Owen Hayes

## Angry Birds: 4<sup>th</sup> Grade Small Group Challenge

### "Marshmallow Catapults"

#### RESEARCHING THE PROBLEM

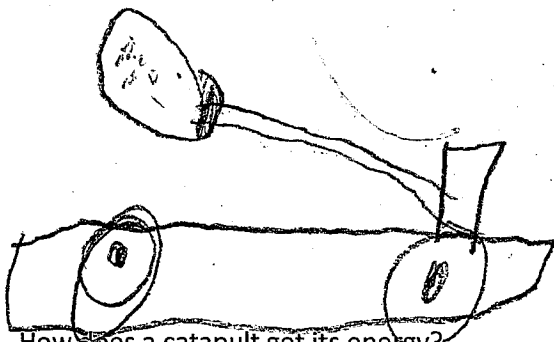
Team Code: 4 Ba Team Members Names: \_\_\_\_\_

Directions: Research the history of catapults and their construction. You will then use that information to design your own catapult using materials available.

What is a catapult?

Catapults were a important weapons of war before guns and cannons were invented

Sketch some pictures of the catapults you find in the space below:



How does a catapult get its energy?

The catapult get it's from rope that is pulled back and then cut it.

What types of materials do you think you'll be using for the different parts of your catapults?

first thing I would need some cardboard tape and marshmallows